

ABSTRACT OF THE DISCLOSURE

An element management system (EMS) for monitoring elements of a communication network utilizes a plurality of clients, a plurality of network elements, and an element management system (EMS). The clients and the network elements are interfaced with the EMS. The EMS is configured to track which of the network elements are of interest to the clients and to automatically monitor the network elements based on which of the network elements are determined, by the EMS, to be of interest to the clients. The EMS is further configured to provide the clients with information indicative of the monitored elements. Furthermore, the EMS may be configured to store graphical user interface (GUI) code that can be utilized to provide a GUI for monitoring and/or changing a network element. The EMS may provide the GUI code to the clients on demand and may enable a user to update the GUI code stored at the EMS. Moreover, a single update to the GUI code at the EMS may effectively update the GUI code utilized by any or all of the clients.